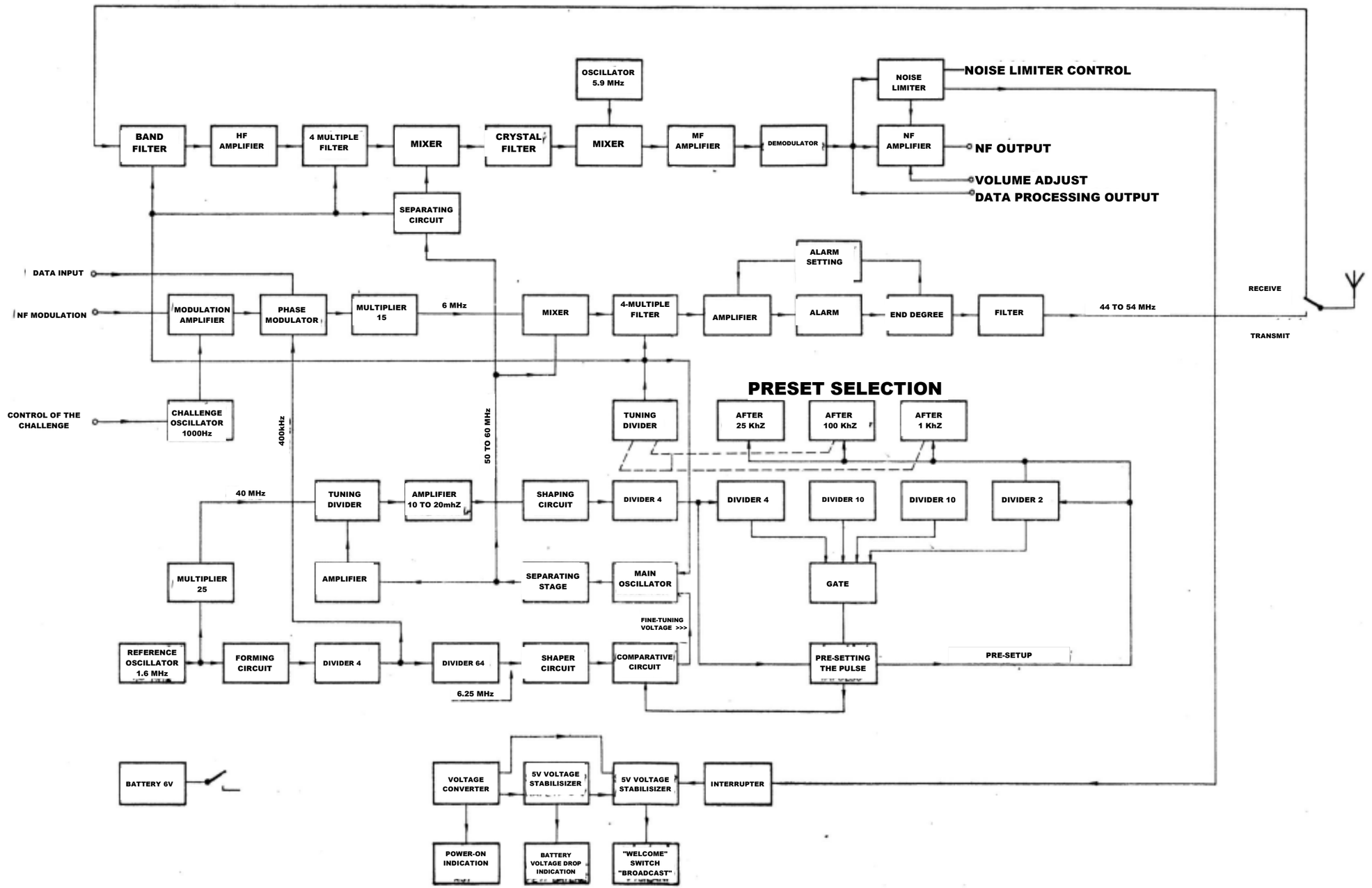
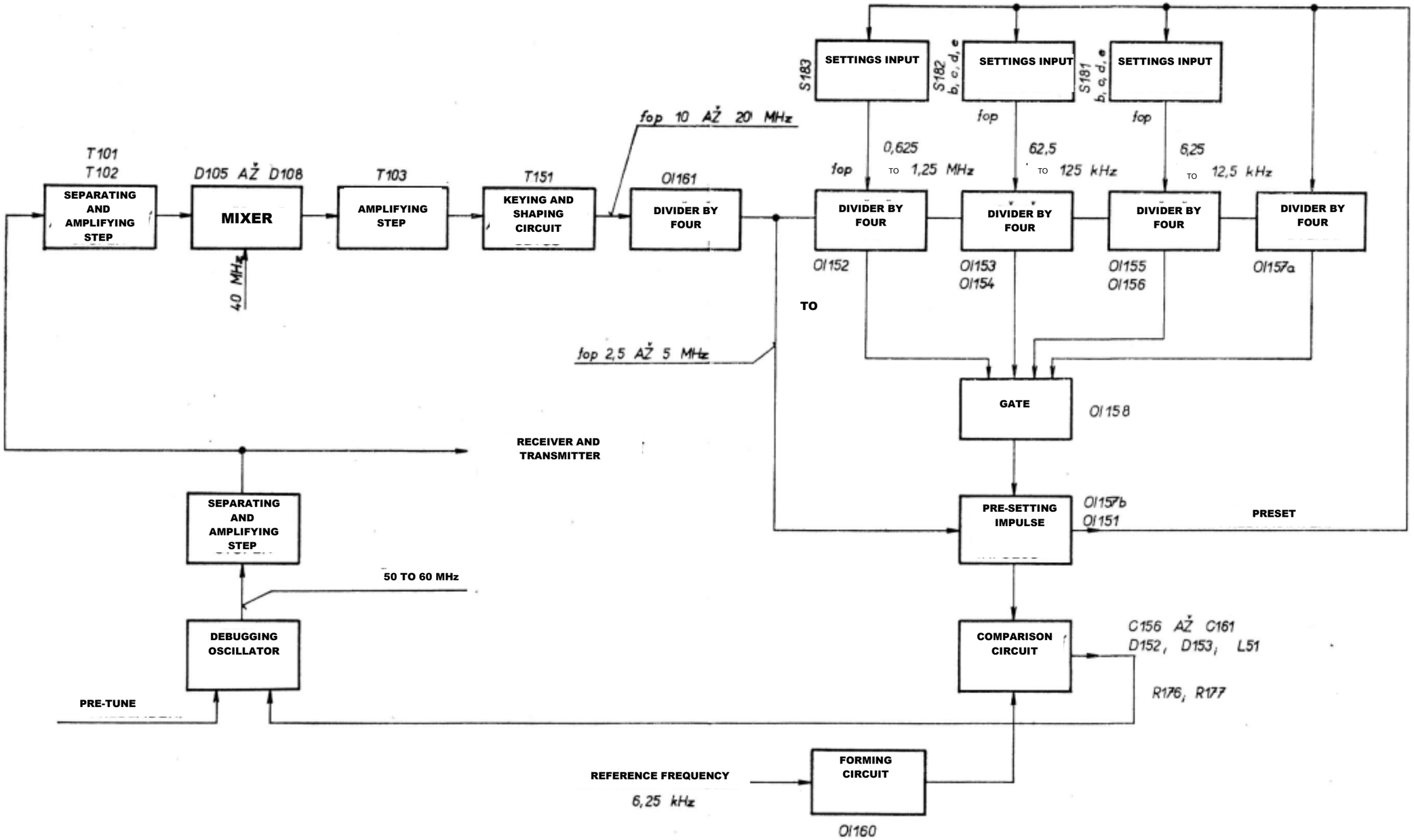
BLOCK DIAGRAM OF RADIO STATION



BLOCK-SIDE FREQUENCY CONTROL PANEL



TIME RUNS AND THE VERACITY TABLE OF THE TEN DIVIDER

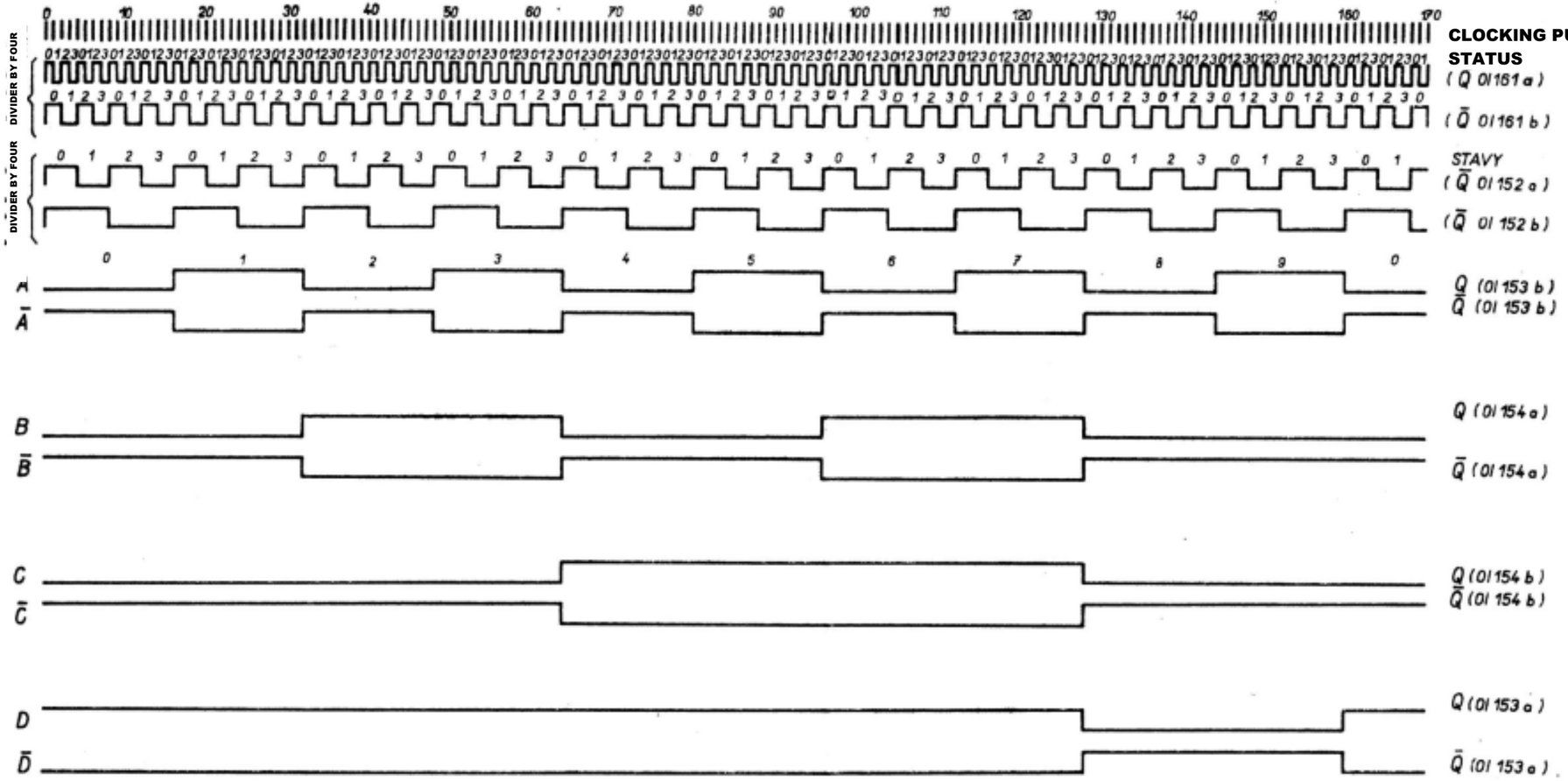
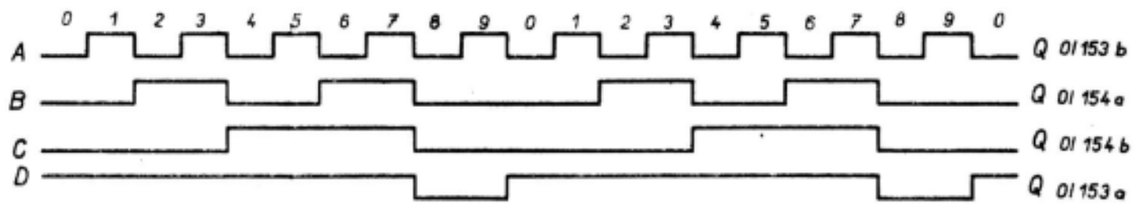


TABLE OF VERACITY (APPLIES TO Q PERFORMANCES)

DIVIDING RATIO	STATE	SCALES D	C	B	A
9	0	1	0	0	0
8	1	1	0	0	1
7	2	1	0	1	0
6	3	1	0	1	1
5	4	1	1	0	0
4	5	1	1	0	1
3	6	1	1	1	0
2	7	1	1	1	1
1	8	0	0	0	0
0	9	0	0	0	1



TIME-RUNNING DIVIDERS TEN ASPECTS OF COUNTER CONTINUITY

TIME RUN-THROUGHS AND TABLE OF VERACITY OF THE TEN-OUTPUT DIVIDER A, B, C, D (POSITIONS OI 153 AND OI 154) DEPENDING ON THE TWI IMPULSES

TIME COURSE AND TABLE OF TRUTH
DIVIDER OF TEN DEPENDING ON CLOCK PULSE

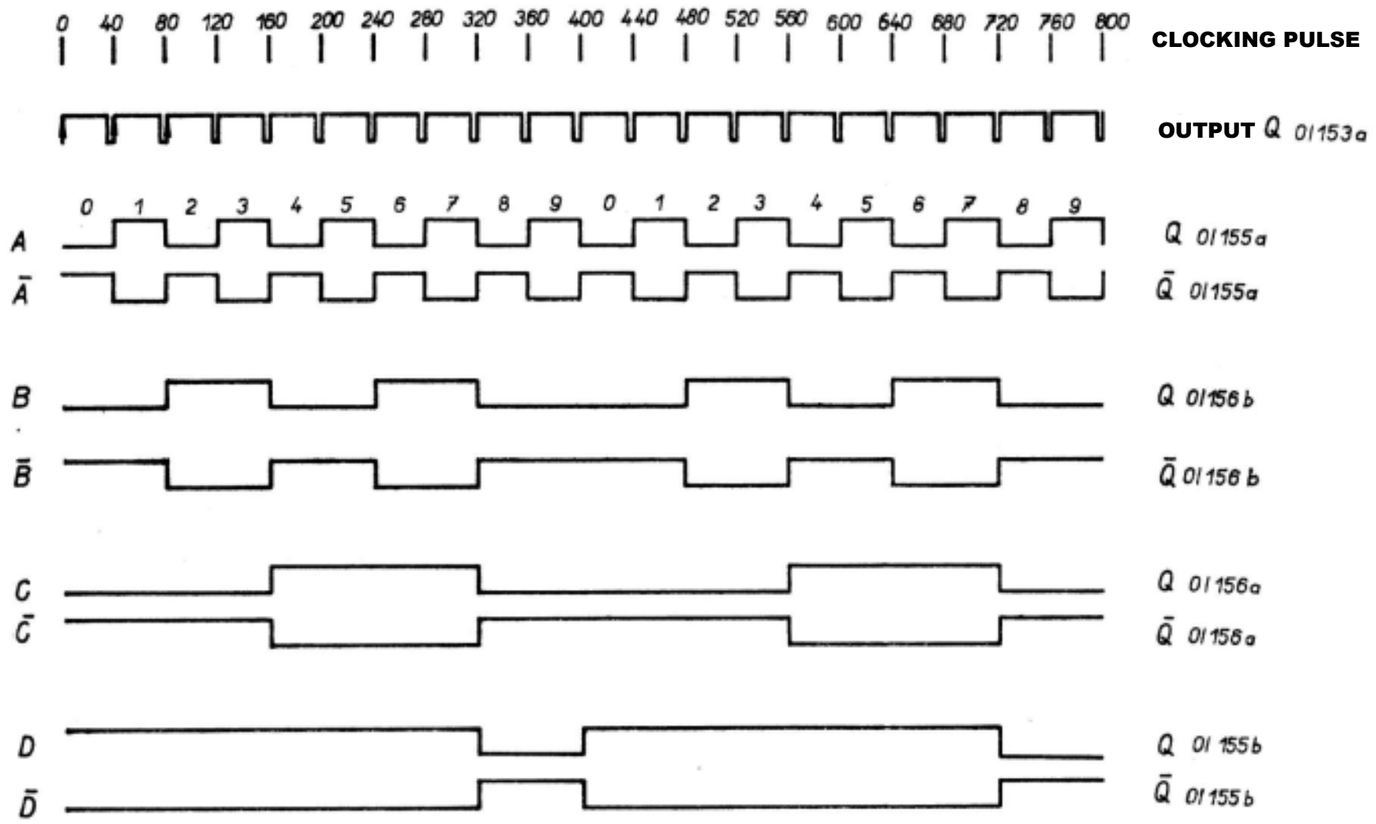
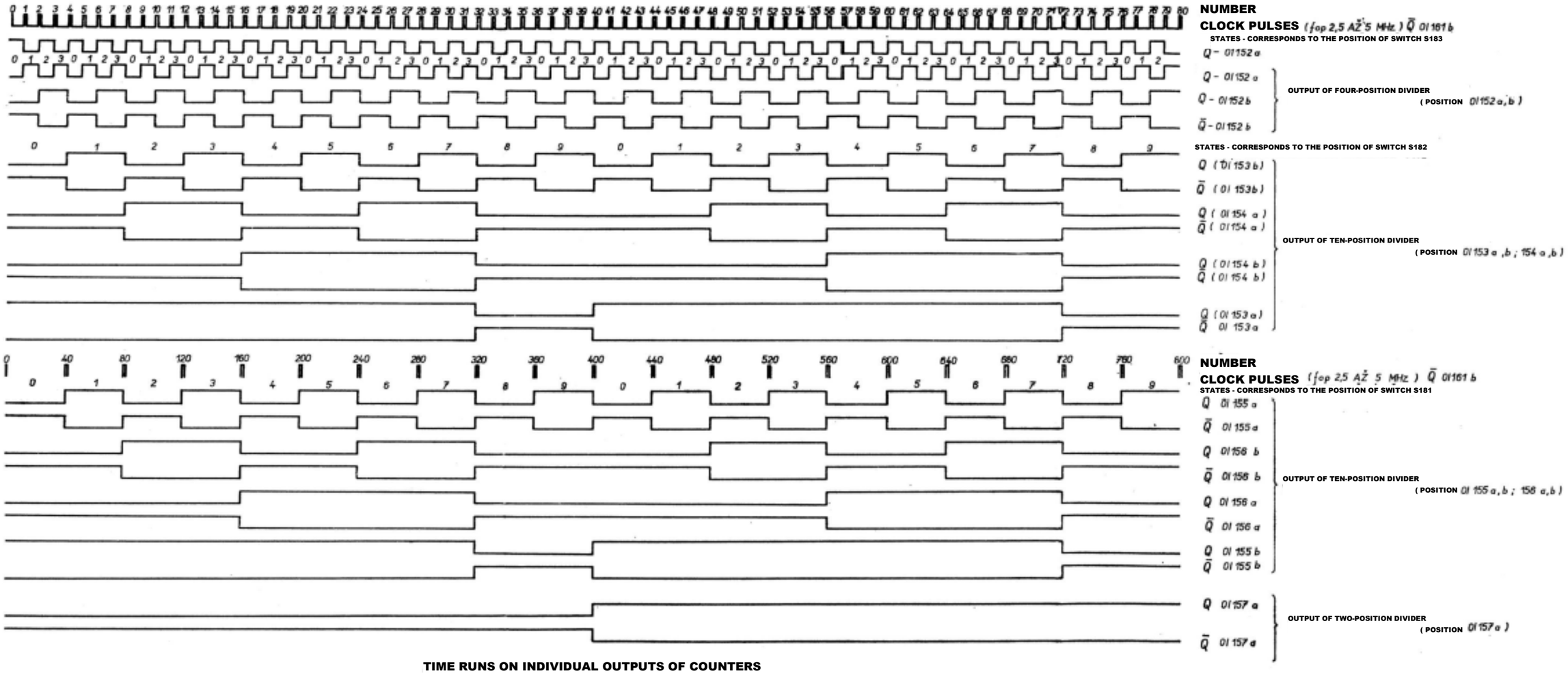


TABLE OF VERACITY (APPLIES TO Q PERFORMANCES)

DIVIDING RATIO	STATE	SCALES			
		D	C	B	A
9	0	1	0	0	0
8	1	1	0	0	1
7	2	1	0	1	0
6	3	1	0	1	1
5	4	1	0	0	0
4	5	1	1	0	1
3	6	1	1	1	0
2	7	1	1	1	1
1	8	0	0	0	0
0	9	0	0	0	1

TIME RUNNING-THROUGHS AND TABLE OF VERACITY OF THE TEN-OUTPUT DIVIDER A, B, C, D (POSITIONS OI 155 TO OI 156) DEPENDING ON THE TWI IMPULSES

TIME-RUNNING ON INDIVIDUAL OUTPUTS OF INDIVIDUAL


NUMBER
CLOCK PULSES (fop 2,5 AŽ 5 MHz) Q 01161 b
STATES - CORRESPONDS TO THE POSITION OF SWITCH S183
Q - 01152 a
Q - 01152 a
Q - 01152 b
Q̄ - 01152 b
OUTPUT OF FOUR-POSITION DIVIDER
(POSITION 01152 a,b)
STATES - CORRESPONDS TO THE POSITION OF SWITCH S182
Q (01153 b)
Q̄ (01153b)
Q (01154 a)
Q̄ (01154 a)
Q (01154 b)
Q̄ (01154 b)
Q (01153 a)
Q̄ 01153 a
OUTPUT OF TEN-POSITION DIVIDER
(POSITION 01153 a,b ; 154 a,b)
NUMBER
CLOCK PULSES (fop 2,5 AŽ 5 MHz) Q 01161 b
STATES - CORRESPONDS TO THE POSITION OF SWITCH S181
Q 01155 a
Q̄ 01155 a
Q 01156 b
Q̄ 01156 b
Q 01156 a
Q̄ 01156 a
Q 01155 b
Q̄ 01155 b
OUTPUT OF TEN-POSITION DIVIDER
(POSITION 01155 a,b ; 156 a,b)
Q 01157 a
Q̄ 01157 a
OUTPUT OF TWO-POSITION DIVIDER
(POSITION 01157 a)

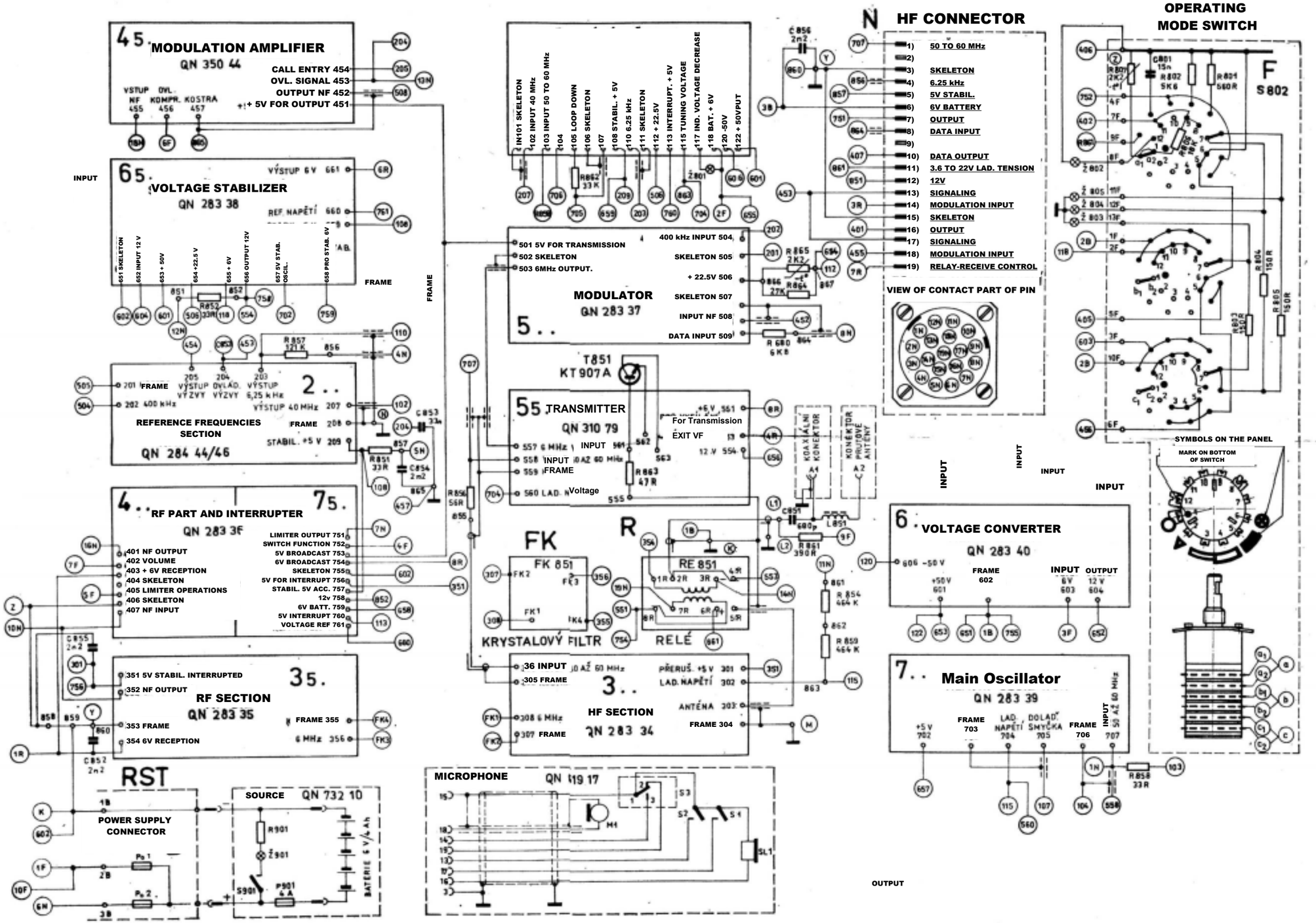
TIME RUNS ON INDIVIDUAL OUTPUTS OF COUNTERS

TABLE OF SELECTION OF IMPULSES USING SWITCHES FOR HOT-BUTTON CHANNELS RST

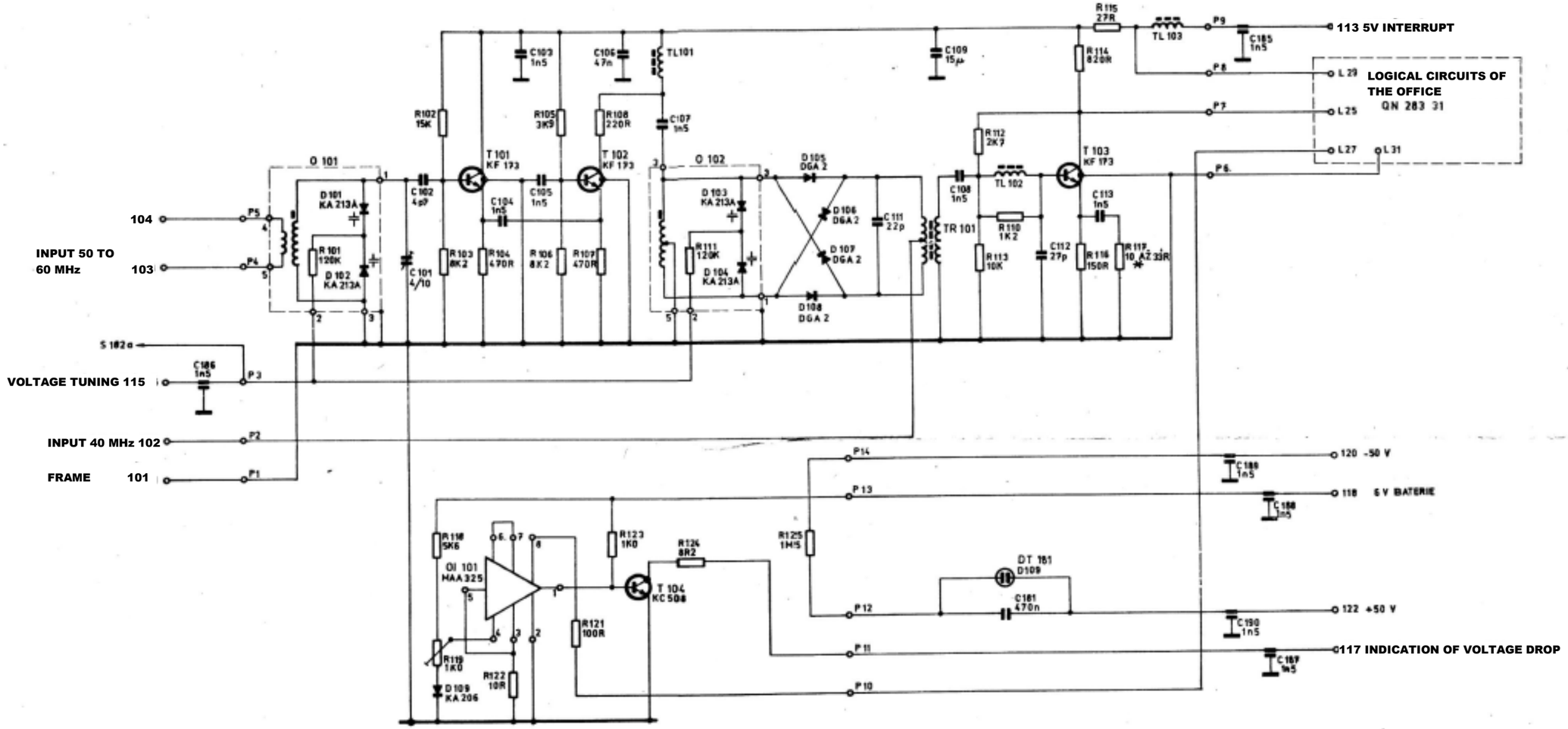
RST TUNED TO FREQUENCY (MHz)	PULSE REPEAT FREQUENCY AT MHz KIG INPUT	SWITCH POSITIONS		GROUND SETTINGS		AUXILIARY ENTRY P = log.1 ; P = log.0												INITIAL STATUS OF COUNTER	NUMBER OF PULSE FOR REPEAT FREQUENCY
		S183		S182a S182b S182c S182d S182e	S181a S181b S181c S181d S181e	01 152a	01 152b	01 153b	01 154a	01 154b	01 153a	01 155a	01 156b	01 156a	01 155b	01 157a			
44	10	0	4	0	0	P	P	P	C	C	C	P	C	C	C	C		399	400
44,025	10,025	1	5	0	0	C	P	P	C	C	C	P	C	C	C	C		398	401
44,05	10,05	2	6	0	0	P	C	P	C	C	C	P	C	C	C	C		397	402
44,075	10,075	3	7	0	0	C	C	P	C	C	C	P	C	C	C	C		396	403
44,1	10,1	0	4	1	0	P	P	C	C	C	C	P	C	C	C	C		395	404
44,125	10,125	1	5	1	0	C	P	C	C	C	C	P	C	C	C	C		394	405
44,150	10,150	2	6	1	0	P	C	C	C	C	C	P	C	C	C	C		393	406
44,175	10,175	3	7	1	0	C	C	C	C	C	C	P	C	C	C	C		392	407
44,2	10,2	0	4	2	0	P	P	P	P	P	P	P	C	C	C	C		391	408
44,225	10,225	1	5	2	0	C	P	P	P	P	P	P	C	C	C	C		390	409
44,250	10,250	2	6	2	0	P	C	P	P	P	P	P	C	C	C	C		389	410
44,275	10,275	3	7	2	0	C	C	P	P	P	P	P	C	C	C	C		388	411
44,3	10,3	0	4	3	0	P	P	C	P	P	P	P	C	C	C	C		387	412
. 53,975	 19,975	3	7	9	9	C	C	C	C	C	P	C	C	C	P	C		0	799

RADIO STATION CONNECTION

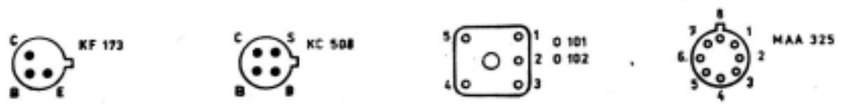
ANNEX 12



CONNECTION OF AUXILIARY CIRCUITS OF THE FREQUENCY CONTROL PANEL (KÚ)

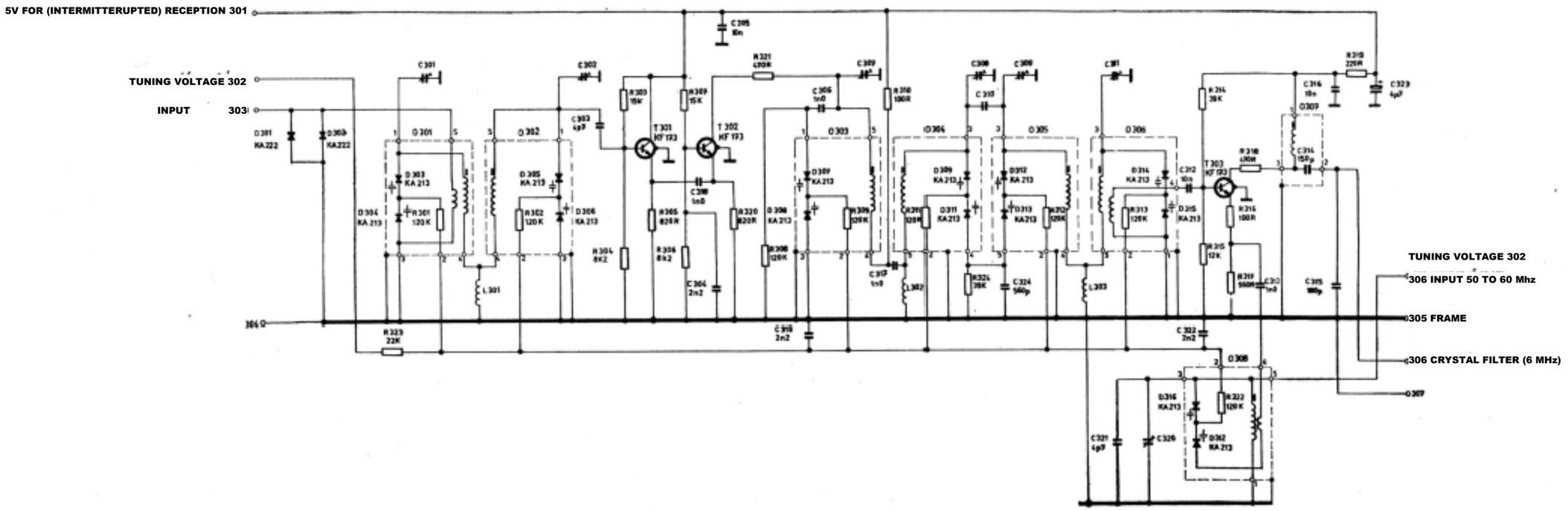


VIEW OF OUTLETS FROM THE SOLDER SIDE

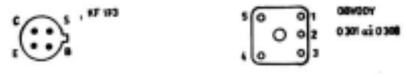


*VALUE SPECIFIED WHEN SETTING

HIGH FREQUENCY CONNECTION

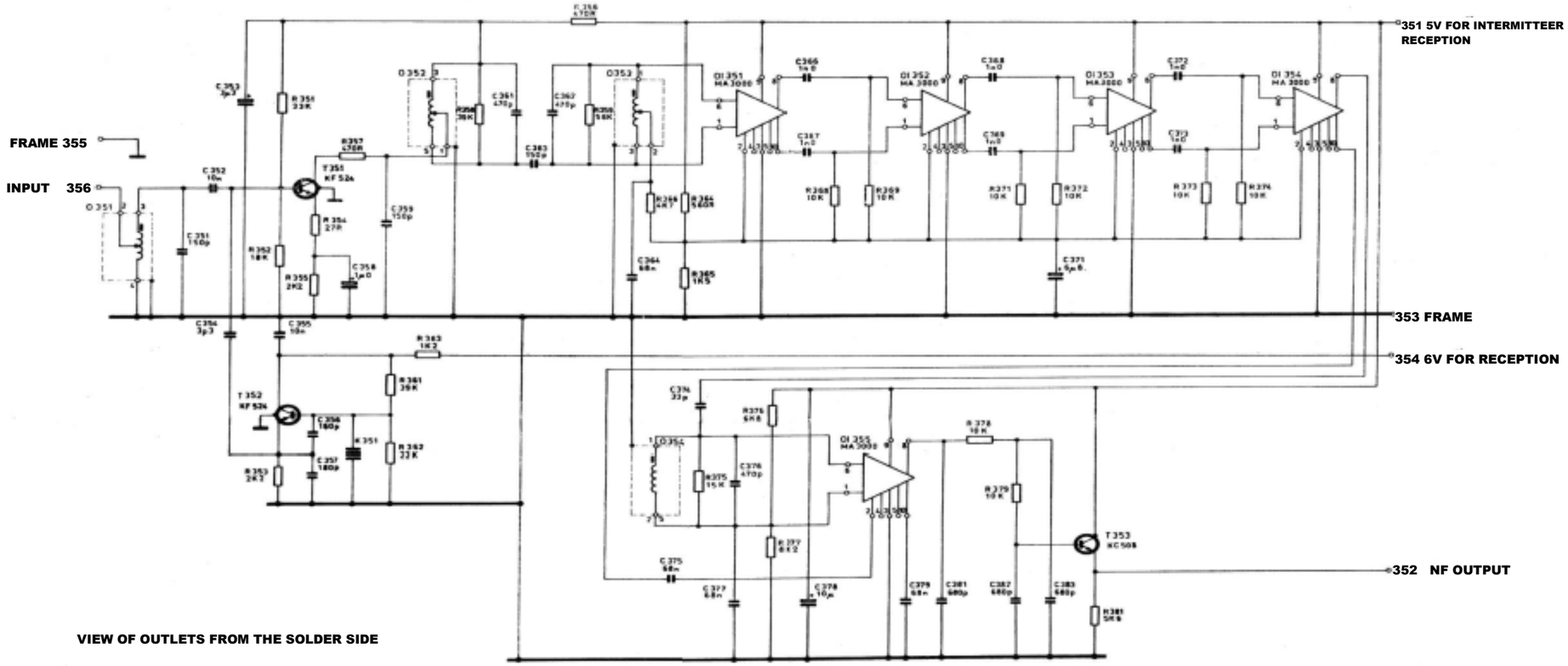


VIEW OF OUTLETS FROM THE SOLDER SIDE



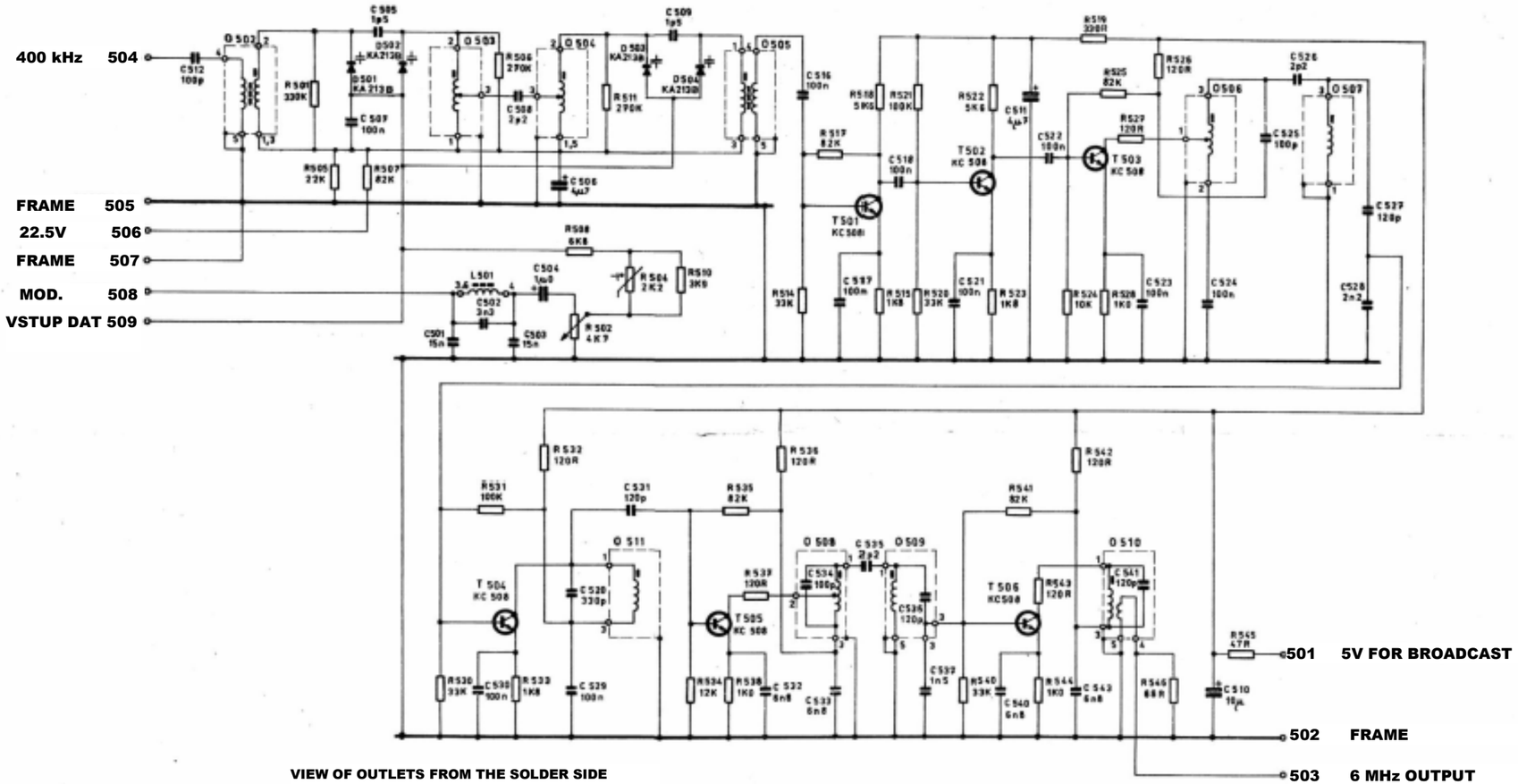
INTERFREQUENCY PART CONNECTION

ANNEX 16

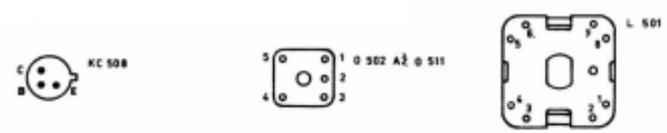


VIEW OF OUTLETS FROM THE SOLDER SIDE

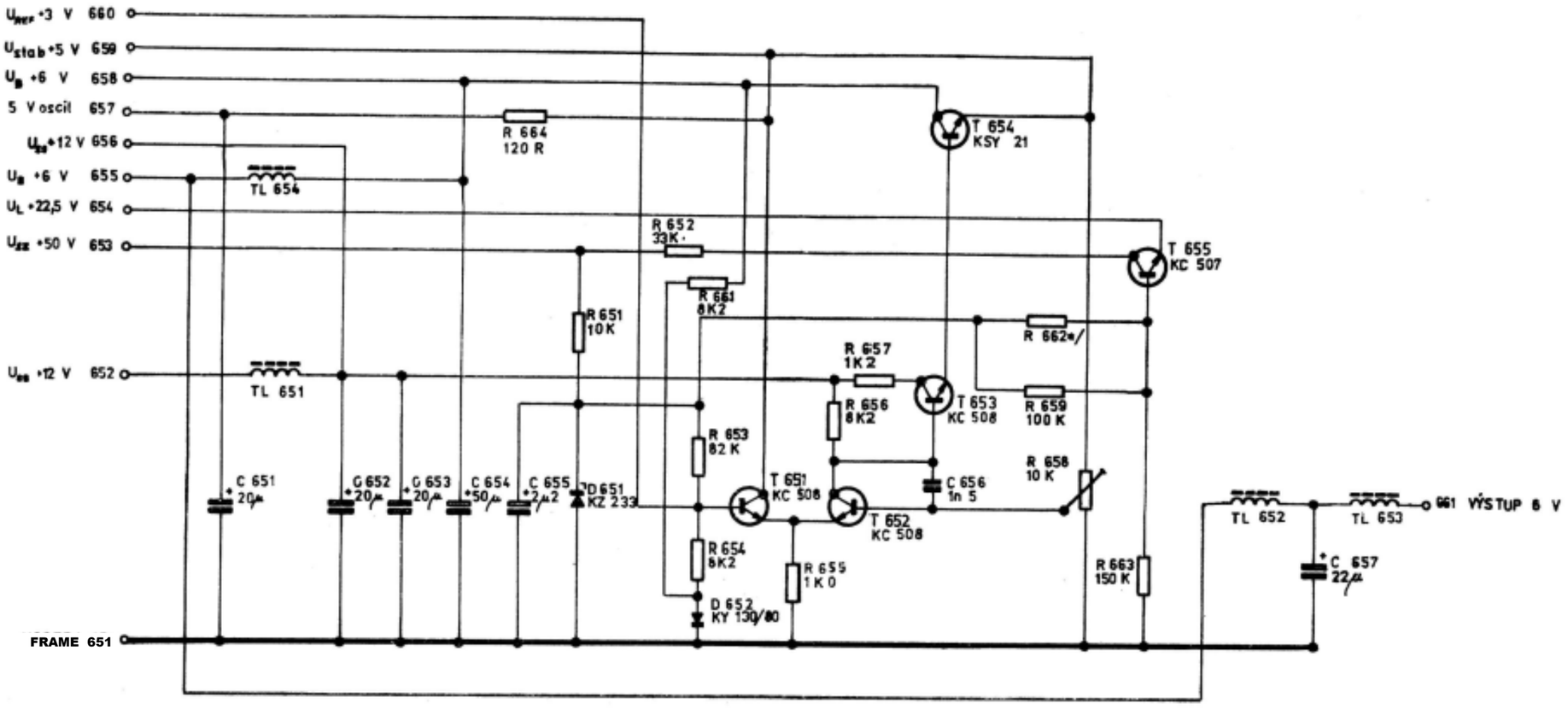
MODULATOR CONNECTOR



VIEW OF OUTLETS FROM THE SOLDER SIDE



VOLTAGE STABILIZER CONNECTION



*/ THE RESISTANCE VALUE IS DETERMINED WHEN SETTING THE

(v kΩ): 47, 56, 68, 82, 100 a 120.

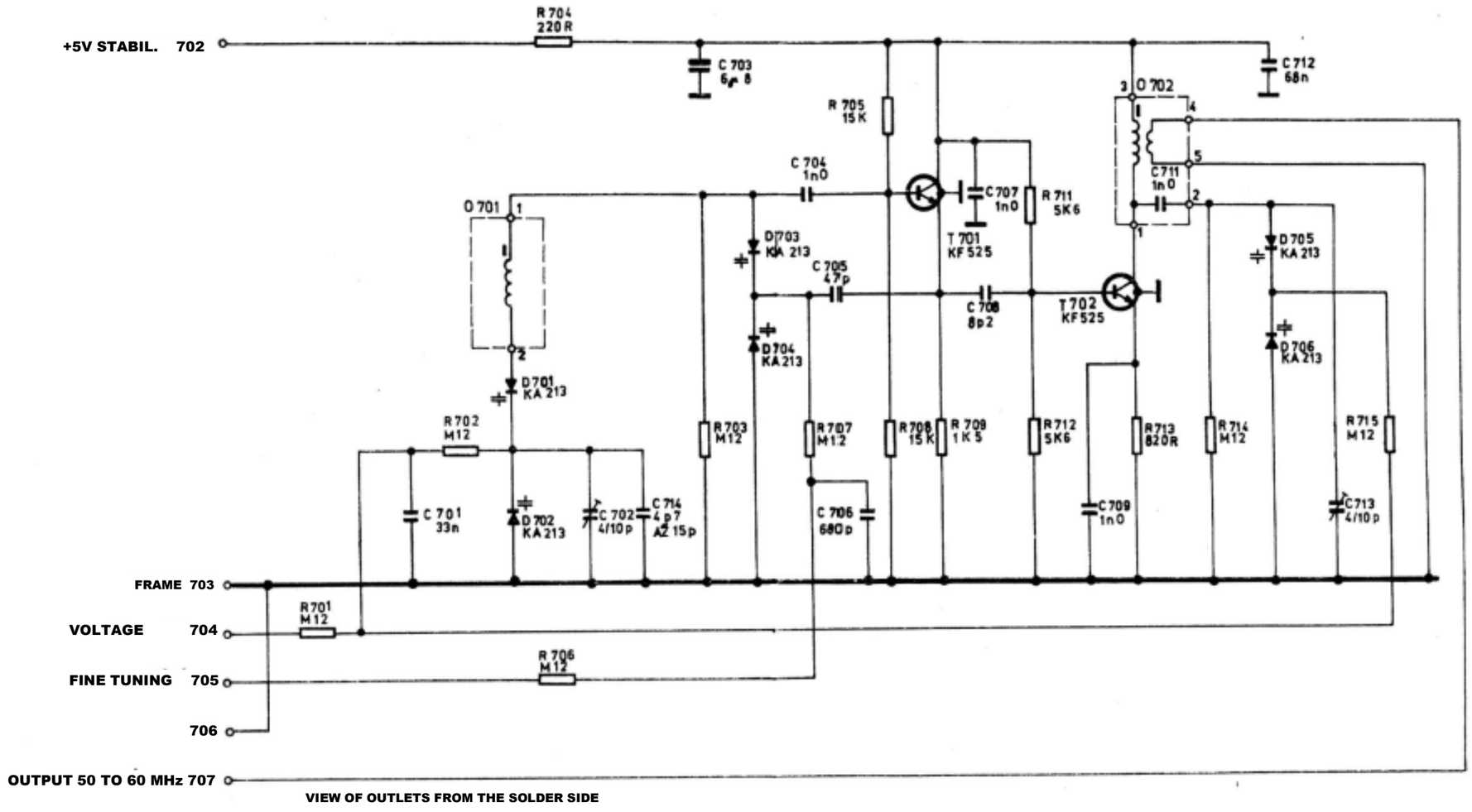
VIEW OF OUTLETS FROM THE SOLDER SIDE

KSY 21
KC 507
KC 508

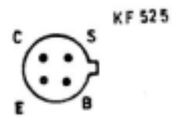
LEGEND:

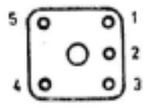
U_{REF} — REFERENCE VOLTAGE
U_{STAB} — STABILIZED VOLTAGE
U_B — POWER SUPPLY VOLTAGE - BATTERY VOLTAGE
U_{ZZ} — DC VOLTAGE UNSTABILISED
U_L — TUNING VOLTAGE STABILIZED
U_{ZZ} — UNIFORM VOLTAGE FOR ZENER DIODE

MAIN OSCILLATOR CONNECTION



VIEW OF OUTLETS FROM THE SOLDER SIDE

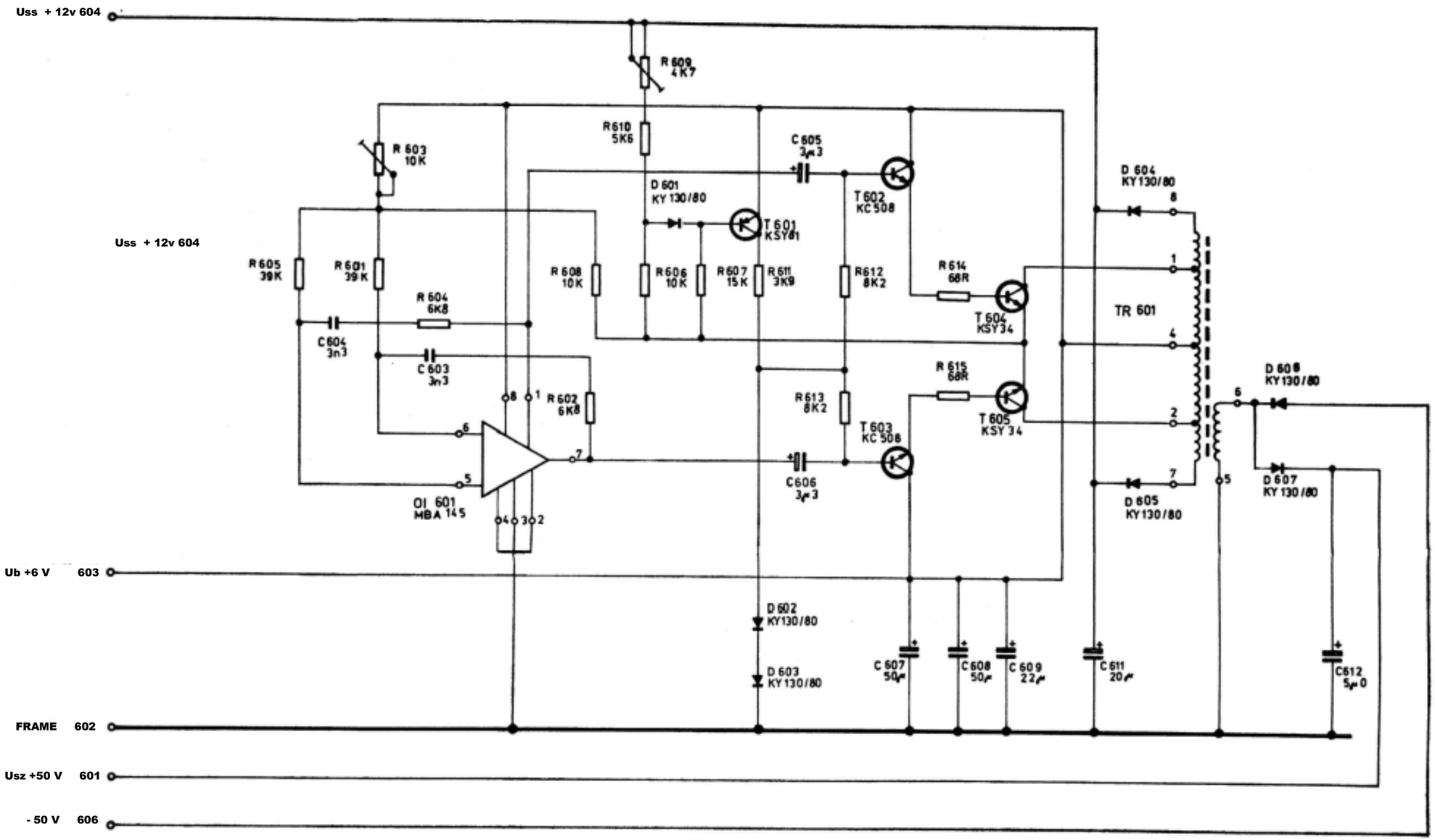




CIRCUITS 0701 AND 0702

ANNEX 21

VOLTAGE CONVERTER CONNECTION



VIEW OF OUTLETS FROM THE SOLDER SIDE

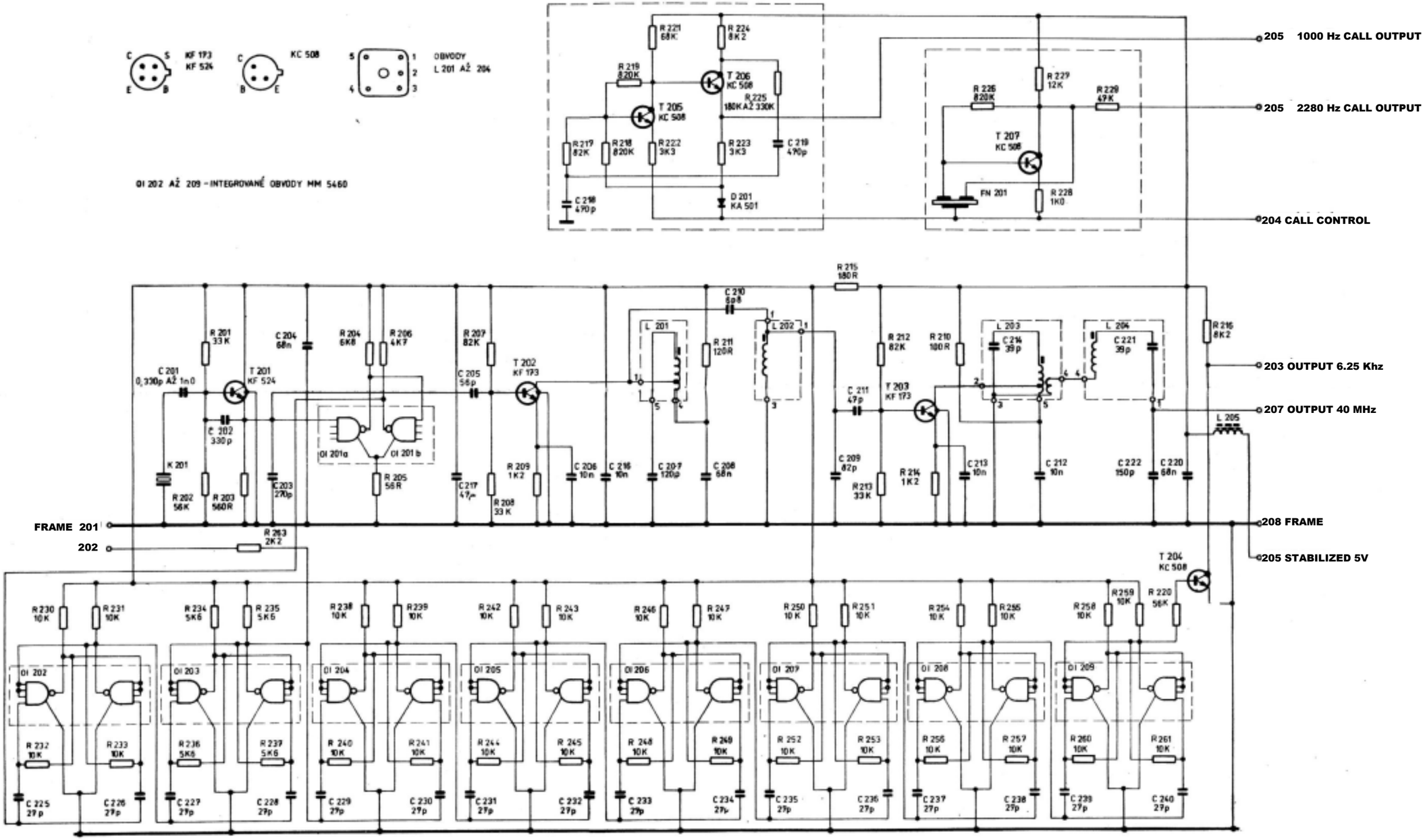
REFERENCE FREQUENCY CONNECTION

VIEW OF OUTLETS FROM THE SOLDER SIDE

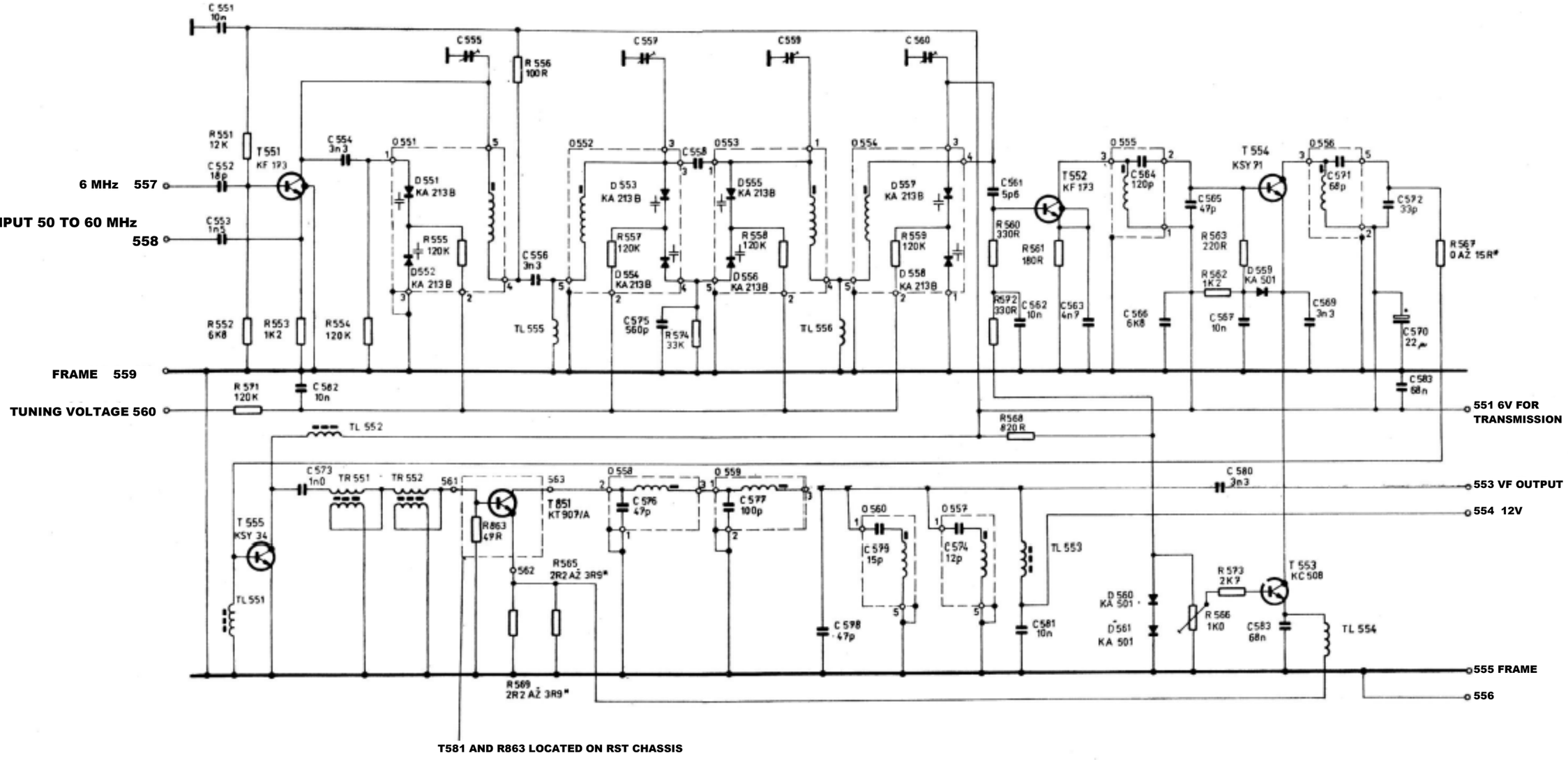
OI 202 AŽ 209 – INTEGROVANÉ OBVODY MM 5460

OSCILLATOR CONNECTION FOR FREQUENCY 1000 HZ (QN 284 44)

OSCILLATOR CONNECTION FOR FREQUENCY 2 280 (2100) Hz (QN 284 45/46)



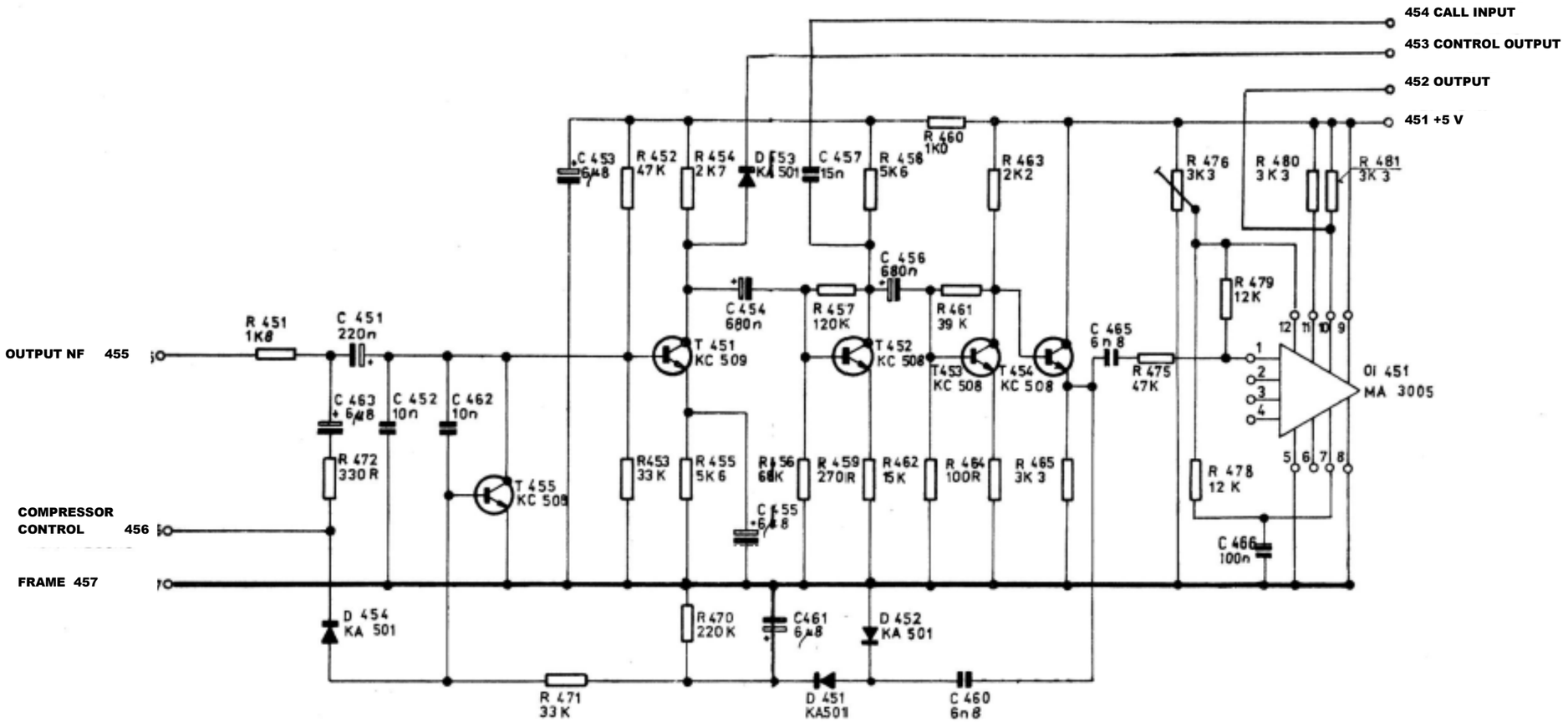
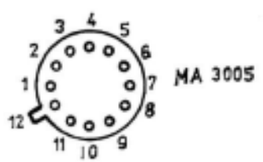
TRANSMITTER CONNECTION



*) VALUES DETERMINED AT ADJUSTMENT

VIEW OF OUTLETS FROM THE SOLDER SIDE

CONNECTION OF MODULATING AMPLIFIER



VIEW OF OUTLETS FROM THE SOLDER SIDE